

FIG. 1

The diagram illustrates an optical fibre inspection system. A source (1) is connected to an electronic control unit (6). The electronic control unit (6) is connected to a coupler (3) and an amplifier (7). The coupler (3) is connected to two optical fibres (2a and 2b). Optical fibre 2a leads to a detector (5), and optical fibre 2b leads to an optical head (4). The optical head (4) is connected to the amplifier (7). The amplifier (7) is connected to a data processor (8), which is then connected to a display (9). The display (9) shows a graphical representation of the inspected area.